

## EAST Search History

Ref #	Hits	Search Query	Dbs	Default Operator	Plurals	Time Stamp
		"20040158543" and "17"\$	US-PGPUB; USPAT	OR	OFF	2006/08/14 07:44
		S50 and multipl\$	US-PGPUB; USPAT	OR	OFF	2006/08/11 11:34
		@pd<"20010807" and capacitor and "quadrant multipliers" and (transconductance with amplif\$) and "load resistanc\$" and ("D-Flip-flops or "d flip flops") and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/08/11 11:17
L1	1	"20040158543" and quad\$	US-PGPUB; USPAT	OR	OFF	2006/08/14 14:28
L2	1	"20040158543" and ("load resistances")	US-PGPUB; USPAT	OR	OFF	2006/08/14 14:29
L3	4	"6213958".pn. or "6014653".pn. or "5321342".pn. or "6675187".pn.	US-PGPUB; USPAT	OR	OFF	2006/08/14 14:30
L4	0	L3 and "load resistances"	US-PGPUB; USPAT	OR	OFF	2006/08/14 14:30
L5	1	L3 and "resistances"	US-PGPUB; USPAT	OR	OFF	2006/08/14 14:30
S1	1	"20040158543"	US-PGPUB; USPAT	OR	OFF	2006/08/14 13:32
S2	61	waheed.in.	US-PGPUB; USPAT	OR	OFF	2006/08/09 14:39
S3	1	waheed-khurram.in.	US-PGPUB; USPAT	OR	OFF	2006/08/09 14:39
S4	8	salam-fathi-m.in.	US-PGPUB; USPAT	OR	OFF	2006/08/09 14:48
S5	16	erten-gamze.in.	US-PGPUB; USPAT	OR	OFF	2006/08/09 14:57
S6	18	S4 or S5	US-PGPUB; USPAT	OR	OFF	2006/08/09 14:49

## EAST Search History

S7	1	S6 and @pd<"20010807"	US-PGPUB; USPAT	OR	OFF	2006/08/09 14:49
S8	8	S6 and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/08/09 15:16
S9	1	S6 and (("neural network" or "neural networks") with forward)	US-PGPUB; USPAT	OR	OFF	2006/08/09 14:58
S10	0	"20030072460" and reconfigurable	US-PGPUB; USPAT	OR	OFF	2006/08/09 15:05
S11	0	"20030072460" and configu	US-PGPUB; USPAT	OR	OFF	2006/08/09 15:07
S12	0	"20030072460" and learn\$	US-PGPUB; USPAT	OR	OFF	2006/08/11 09:08
S13	1	"20030072460" and weigh\$	US-PGPUB; USPAT	OR	OFF	2006/08/09 15:08
S14	1	"20030072460" and neural	US-PGPUB; USPAT	OR	OFF	2006/08/09 15:08
S15	97	@pd<"20010807" and (visi or "very large") and (("feed forward" or "feed forwarding" or feed-forward) with ("neural networks" or "neural network"))	US-PGPUB; USPAT	OR	OFF	2006/08/09 15:18
S16	35	@pd<"20010807" and (visi or "very large") and (("feed forward" or "feed forwarding" or feed-forward) with ("neural networks" or "neural network")) and (((transmission or communication or communications) with medium) or (databus or "data bus" or bus))	US-PGPUB; USPAT	OR	OFF	2006/08/09 15:25
S17	31	@pd<"20010807" and (visi or "very large") and (("feed forward" or "feed forwarding" or feed-forward) with ("neural networks" or "neural network")) and (((transmission or communication or communications) with medium) or (databus or "data bus" or bus)) and learning	US-PGPUB; USPAT	OR	OFF	2006/08/09 15:39
S18	1	@pd<"20010807" and (visi or "very large") and (("feed forward" or "feed forwarding" or feed-forward) with ("neural networks" or "neural network")) and (((transmission or communication or communications) with medium) or (databus or "data bus" or bus)) and (learning with modul\$)	US-PGPUB; USPAT	OR	OFF	2006/08/09 15:25
S19	6	"6213958" and weight\$	US-PGPUB; USPAT	OR	OFF	2006/08/09 15:39

## EAST Search History

S20	1	"6213958".pn. and weight\$	US-PGPUB; USPAT	OR	OFF	2006/08/11 09:10
S21	1	"6213958".pn. and (memory or databas\$ or medium)	US-PGPUB; USPAT	OR	OFF	2006/08/11 08:41
S22	0	"20030072460" and train\$	US-PGPUB; USPAT	OR	OFF	2006/08/11 09:10
S23	1	"20030072460" and set\$	US-PGPUB; USPAT	OR	OFF	2006/08/11 10:33
S24	1	"6213958".pn. and set\$	US-PGPUB; USPAT	OR	OFF	2006/08/11 10:39
S25	1	"6213958".pn. and ae	US-PGPUB; USPAT	OR	OFF	2006/08/11 09:15
S26	1	"6213958".pn. and neural	US-PGPUB; USPAT	OR	OFF	2006/08/11 09:16
S27	1	"6213958".pn. and "pattern comparison"	US-PGPUB; USPAT	OR	OFF	2006/08/11 09:20
S28	1	"6213958".pn. and (lear\$ or trai\$)	US-PGPUB; USPAT	OR	OFF	2006/08/11 09:29
S29	1	"6213958".pn. and process	US-PGPUB; USPAT	OR	OFF	2006/08/11 09:36
S30	1	"6213958".pn. and (input with neural)	US-PGPUB; USPAT	OR	OFF	2006/08/11 09:39
S31	1	"6213958".pn. and (output with neural)	US-PGPUB; USPAT	OR	OFF	2006/08/11 09:39
S32	1	"20030072460" and mix\$	US-PGPUB; USPAT	OR	OFF	2006/08/11 10:33
S33	1	"20040158543" and mix\$	US-PGPUB; USPAT	OR	OFF	2006/08/11 10:46
S34	1	"6213958".pn. and analog and digital	US-PGPUB; USPAT	OR	OFF	2006/08/11 10:51
S35	1	"20040158543" and "continuous-time"	US-PGPUB; USPAT	OR	OFF	2006/08/11 10:57

## EAST Search History

S36	1	"6213958".pn. and contin\$	US-PGPUB; USPAT	OR	OFF	2006/08/11 11:34
S37	1	"6213958".pn. and forward\$	US-PGPUB; USPAT	OR	OFF	2006/08/11 10:52
S38	1	"20040158543" and "interconnection"	US-PGPUB; USPAT	OR	OFF	2006/08/11 11:01
S39	1	"20040158543" and "quadrant multipliers"	US-PGPUB; USPAT	OR	OFF	2006/08/11 11:08
S40	1	"20040158543" and "one-dimension"	US-PGPUB; USPAT	OR	OFF	2006/08/11 12:48
S41	1	"6213958".pn. and multipl\$	US-PGPUB; USPAT	OR	OFF	2006/08/11 11:13
S42	0	@pd<"20010807" and capacitor and "quadrant multipliers" and (transconductance with amplifie\$) and "load resistanc\$" and ("D-Flip-flops" or "d flip flops") and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/08/11 11:28
S43	0	@pd<"20010807" and capacitor and "quadrant multipliers" and (transconductance with amplifie\$) and "load resistanc\$" and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/08/11 11:27
S44	0	@pd<"20010807" and capacitor and "quadrant multipliers" and (transconductance with amplifie\$) and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/08/11 11:28
S45	0	@pd<"20010807" and capacitor and (transconductance with amplifie\$) and "load resistanc\$" and ("D-Flip-flops" or "d flip flops") and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/08/11 11:28
S46	0	@pd<"20010807" and capacitor and "load resistanc\$" and ("D-Flip-flops" or "d flip flops") and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/08/11 11:28
S47	0	@pd<"20010807" and capacitor and "load resistanc\$" and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/08/11 11:28
S48	582	@pd<"20010807" and capacitor and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/08/11 11:28
S49	61	@pd<"20010807" and capacitor and (("neural network" or "neural networks") with puls\$)	US-PGPUB; USPAT	OR	OFF	2006/08/11 11:36

## EAST Search History

S50	2	"6213958".pn. or "6014653".pn.	US-PGPUB; USPAT	OR	OFF	2006/08/11 12:37
S51	0	S50 and multiplier	US-PGPUB; USPAT	OR	OFF	2006/08/11 11:34
S52	1	"20040158543" and "transconductance"	US-PGPUB; USPAT	OR	OFF	2006/08/11 14:48
S53	6605	@pd<"20010807" and transconductance	US-PGPUB; USPAT	OR	OFF	2006/08/11 11:36
S54	634	@pd<"20010807" and (transconductance adj amplifiers)	US-PGPUB; USPAT	OR	OFF	2006/08/11 11:37
S55	8	@pd<"20010807" and (transconductance adj amplifiers) and (quadrant adj2 multipliers )	US-PGPUB; USPAT	OR	OFF	2006/08/11 11:38
S56	0	@pd<"20010807" and (transconductance adj amplifiers) and (quadrant adj2 multipliers ) and (active with resistances )	US-PGPUB; USPAT	OR	OFF	2006/08/11 11:38
S57	0	@pd<"20010807" and (transconductance adj amplifiers) and (quadrant adj2 multipliers ) and (active with load )	US-PGPUB; USPAT	OR	OFF	2006/08/11 11:39
S58	3	@pd<"20010807" and (transconductance adj amplifiers) and (quadrant adj2 multipliers ) and (load with resistanc\$ )	US-PGPUB; USPAT	OR	OFF	2006/08/11 11:39
S59	3	"6213958".pn. or "6014653".pn. or "5321342".pn.	US-PGPUB; USPAT	OR	OFF	2006/08/14 08:45
S60	2	S59 and resisto\$	US-PGPUB; USPAT	OR	OFF	2006/08/11 12:53
S61	0	S59 and ( "d-flip-flops" or "d flip flops")	US-PGPUB; USPAT	OR	OFF	2006/08/11 12:47
S62	0	S59 and ( "flip-flops" or "flip flops")	US-PGPUB; USPAT	OR	OFF	2006/08/11 12:48
S63	47727	( "flip-flops" or "flip flops")	US-PGPUB; USPAT	OR	OFF	2006/08/11 12:48
S64	1	"20040158543" and second	US-PGPUB; USPAT	OR	OFF	2006/08/11 12:48
S65	3	S59 and ("46" or "58")	US-PGPUB; USPAT	OR	OFF	2006/08/11 13:32

## EAST Search History

S66	0	S59 and bistable	US-PGPUB; USPAT	OR	OFF	2006/08/11 13:32
S67	22151	bistable	US-PGPUB; USPAT	OR	OFF	2006/08/11 13:32
S68	2167	"bistable multivibrator"	US-PGPUB; USPAT	OR	OFF	2006/08/11 13:33
S69	3	S59 and (weigh\$ or memory)	US-PGPUB; USPAT	OR	OFF	2006/08/11 14:52
S70	1	S59 and ((weigh\$ or memory) with classif\$)	US-PGPUB; USPAT	OR	OFF	2006/08/11 14:29
S71	18	"20020178150" or "20020188424" or "6140816".pn. or "5465321".pn. or "20020187469" or "20020170022" or "20020165911" or "4926488".pn. or "6466893".pn. or "3975157".pn. or "6207953".pn. or "20020152030" or "6272434".pn. or "20020183932" or "20020177954" or "5475509".pn.	US-PGPUB; USPAT	OR	OFF	2006/08/11 14:32
S72	4	S71 and borehole	US-PGPUB; USPAT	OR	OFF	2006/08/11 14:33
S73	1	"20040158543" and "comparators"	US-PGPUB; USPAT	OR	OFF	2006/08/11 14:48
S74	2	S59 and comparas\$	US-PGPUB; USPAT	OR	OFF	2006/08/11 14:54
S75	3	S59 and weigh\$	US-PGPUB; USPAT	OR	OFF	2006/08/11 14:55
S76	2	S59 and (weigh\$ with (train\$ or lear\$))	US-PGPUB; USPAT	OR	OFF	2006/08/11 15:13
S77	2	S59 and neuron	US-PGPUB; USPAT	OR	OFF	2006/08/11 15:14
S78	2	S59 and (neuron with weigh\$)	US-PGPUB; USPAT	OR	OFF	2006/08/11 15:14
S79	0	"20040158543" and "17X16"	US-PGPUB; USPAT	OR	OFF	2006/08/14 07:44
S80	1	"20040158543" and "17"	US-PGPUB; USPAT	OR	OFF	2006/08/14 07:46

## EAST Search History

S81	39	"17 X 16" or "16 X 17" or "17X16" or "16X17"	US-PGPUB; USPAT	OR	OFF	2006/08/14 08:01
S82	1	"6675187".pn. and multi\$	US-PGPUB; USPAT	OR	OFF	2006/08/14 08:24
S83	1	"6014653".pn. and cap\$	US-PGPUB; USPAT	OR	OFF	2006/08/14 08:26
S84	0	"6014653".pn. and (capacitor with multiplier)	US-PGPUB; USPAT	OR	OFF	2006/08/14 08:27
S85	1837	(capacitor with multiplier)	US-PGPUB; USPAT	OR	OFF	2006/08/14 08:27
S86	222	(capacitor adj2 multiplier)	US-PGPUB; USPAT	OR	OFF	2006/08/14 08:27
S87	4	"6213958".pn. or "6014653".pn. or "5321342".pn. or "6675187".pn.	US-PGPUB; USPAT	OR	OFF	2006/08/14 08:45
S88	3	S87 and train\$	US-PGPUB; USPAT	OR	OFF	2006/08/14 10:25
S89	2	S87 and neural	US-PGPUB; USPAT	OR	OFF	2006/08/14 09:27
S90	1	S87 and (predetermined with time )	US-PGPUB; USPAT	OR	OFF	2006/08/14 10:31
S91	638	@pd<"20010807" and (predetermined adj2 time) and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/08/14 10:34
S92	128	@pd<"20010807" and ((predetermined with time) with ("neural network" or "neural networks"))	US-PGPUB; USPAT	OR	OFF	2006/08/14 10:42
S93	62	@pd<"20010807" and ((predetermined adj3 time) with ("neural network" or "neural networks"))	US-PGPUB; USPAT	OR	OFF	2006/08/14 10:42